

ICB&DD Symposium 2024

ABSTRACT

The Institute of Chemical Biology and Drug Discovery (ICB&DD) will host its 18th Annual Symposium on “*Frontiers of Neuroscience and Drug Discovery*”. This symposium will be held at the Charles Wang Center on Thursday, October 10, 2024 (9:00AM–5:00PM; Reception 5:00–6:00PM).

The ICB&DD was established in 2004 with Stony Brook University’s institutional support as well as the NYSTAR Faculty Development Award to the founding Director. The primary objective of ICB&DD is to establish a world-class “Center of Excellence” in chemical biology and drug discovery at Stony Brook University. The rapid and impressive advancements in chemical biology during the last decade have clearly demonstrated that solutions for a vast majority of medical problems rely on the understanding of the molecular basis of diseases, therapeutic targets, drug actions, and drug resistance. ICB&DD promotes highly productive interdisciplinary collaborative research among medicinal chemists, chemical and structural biologists, pharmacologists, and clinical scientists to attack major biomedical problems to find solutions including the discovery of novel therapeutic drugs. The focus of ICB&DD is to bring together researchers and scientists throughout the University to study and investigate biomedical sciences and advance the field of drug discovery. Members of ICB&DD are from Departments of Chemistry, Pharmacological Sciences, Physiology & Biophysics, Microbiology Biochemistry & Cellular Biology, Applied Mathematics & Statistics, Medicine, Pathology, Oral Biology & Pathology, Biomedical Engineering, Microbiology and Immunology, and the Center for Structural Biology, Center for Infectious Diseases, Stony Cancer Center, Laufer Center for Physical & Quantitative Biology and Cold Spring Harbor Laboratory.

Established in 2007, the ICB&DD Symposium invites renowned scholars in the field as well as highly recognized researchers on campus to present their exciting accomplishments and stimulate the exchange of innovative ideas among speakers, faculty, staff, and students on campus as well as researchers at the Brookhaven National Laboratory, academia, and industries in the greater NY metropolitan area. The invited lecturers this year are Anissa Abi-Dargham (Stony Brook University), Cristina Alberini (New York University), Jonathan Javitch (Columbia University), Michelle James (Stanford University), Scott Laughlin (Stony Brook University), Iván Montoya (National Institute on Drug Abuse) and David Sulzer (Columbia University)

There will be poster sessions on recently completed and ongoing projects conducted in the ICB&DD member's laboratories as well as relevant research laboratories in the area. Awards will be given to the best three posters.

ICB&DD faculty members and students are looking forward to another stimulating and productive symposium!